

CLAIMS

What is claimed is:

1. A projectile weapon comprising:
 - an elongate tubular body having a barrel portion and a receiver portion, the receiver portion including a breech assembly disposed adjacent the barrel portion;
 - a handle affixed to the receiver portion of the elongate tubular body and extending outward from the elongate tubular body;
 - a firing mechanism disposed within the receiver portion of the elongate tubular body adjacent the breech assembly; and
 - a trigger assembly adapted to slide in a longitudinal direction relative to the elongate tubular body, the trigger assembly including a trigger extending outwardly from the elongate tubular body in a direction generally parallel to the handle, wherein the trigger assembly is slidable between at least a deployed position and a retracted position, wherein in the deployed position the trigger assembly is adapted to actuate the firing mechanism, and in the retracted position the trigger is recessed into the handle.
2. The projectile weapon of claim 1, the breech assembly being adapted to pivot outward from a first side of the elongate tubular body between at least a closed position and an open position.
3. The projectile weapon of claim 2, the breech assembly being securable in the closed position.
4. The projectile weapon of claim 2, wherein in the closed position the breech assembly is adapted to position ammunition adjacent the firing mechanism.

5. The projectile weapon of claim 2, wherein in the open position, the breech assembly is adapted to receive ammunition.

6. The projectile weapon of claim 2, wherein the handle and the portion of the trigger assembly extend outward from a second side of the elongate tubular body.

7. The projectile weapon of claim 6, wherein the second side of the elongate tubular body is opposite the first side.

8. The projectile weapon of claim 1, wherein the trigger is securable in the retracted position.

9. The projectile weapon of claim 1 further comprising a breech block disposed within the receiver portion of the elongate tubular body adjacent the breech assembly, the firing mechanism extending through the breech block and the breech block including a spring-biased lever extending toward the barrel portion.

10. A projectile weapon comprising:
an elongate tubular body having a barrel portion and a receiver portion, the receiver portion including a breech assembly disposed adjacent the barrel portion;
a handle affixed to the receiver portion of the elongate tubular body and extending outward from the elongate tubular body;
a firing mechanism disposed within the receiver portion of the elongate tubular body adjacent the breech assembly;
a trigger assembly slidably engaged to the elongate tubular body, the trigger extending outwardly from the elongate tubular body in a direction generally parallel to the handle; and
a reverser mechanism disposed within the receiver portion of the elongate tubular body, the reverser mechanism being coupled to the trigger and to the firing

mechanism, wherein the trigger is adapted to actuate the reverser mechanism, and the reverser mechanism is adapted to actuate the firing mechanism.

11. The projectile weapon of claim 10, the breech assembly being adapted to pivot outward from a first side of the elongate tubular body between at least a closed position and an open position.

12. The projectile weapon of claim 11, the breech assembly being securable in the closed position.

13. The projectile weapon of claim 11, wherein in the closed position the breech assembly is adapted to position ammunition adjacent the firing mechanism.

14. The projectile weapon of claim 11, wherein in the open position, the breech assembly is adapted to receive ammunition.

15. The projectile weapon of claim 11, wherein the handle and trigger extend outward from a second side of the elongate tubular body.

16. The projectile weapon of claim 15, wherein the second side of the elongate tubular body is opposite the first side.

17. The projectile weapon of claim 10, wherein the reverser mechanism is releasably coupled to the trigger.

18. The projectile weapon of claim 10, the reverser mechanism comprising
a first rack coupled to the trigger;
a second rack coupled to the firing mechanism; and
a pinion disposed between and engaging the first and second racks.

19. The projectile weapon of claim 10 further comprising a breech block disposed within the receiver portion of the elongate tubular body adjacent the breech assembly, the firing mechanism extending through the breech block and the breech block including a spring-biased lever extending toward the barrel portion.

20. A projectile weapon comprising:
an elongate tubular body having a barrel portion and a receiver portion, the receiver portion including a breech assembly disposed adjacent the barrel portion;
a handle affixed to the receiver portion of the elongate tubular body and extending outward from the elongate tubular body;
a firing mechanism disposed within the receiver portion of the elongate tubular body adjacent the breech assembly;
a trigger adapted to slide in a longitudinal direction along the elongate tubular body and extending outwardly from the elongate tubular body in a direction generally parallel to the handle, the trigger being slidable between at least a deployed position and a retracted position, wherein in the retracted position the trigger is recessed into the handle; and
a reverser mechanism disposed within the receiver portion of the elongate tubular body, the reverser mechanism being coupled to the trigger and to the firing mechanism, wherein the trigger is adapted to actuate the reverser mechanism when the trigger is in the deployed position, and the reverser mechanism is adapted to actuate the firing mechanism.

21. The projectile weapon of claim 20, the breech assembly being adapted to pivot outward from a first side of the elongate tubular body between at least a closed position and an open position.

22. The projectile weapon of claim 21, the breech assembly being securable in the closed position.

23. The projectile weapon of claim 21, wherein in the closed position the breech assembly is adapted to position ammunition adjacent the firing mechanism.

24. The projectile weapon of claim 21, wherein in the open position, the breech assembly is adapted to receive ammunition.

25. The projectile weapon of claim 21, wherein the handle and trigger extend outward from a second side of the elongate tubular body.

26. The projectile weapon of claim 25, wherein the second side of the elongate tubular body is opposite the first side.

27. The projectile weapon of claim 20, wherein the trigger assembly is securable in the retracted position.

28. The projectile weapon of claim 20, wherein the reverser mechanism is releasably coupled to the trigger.

29. The projectile weapon of claim 20, the reverser mechanism comprising
a first rack coupled to the trigger;
a second rack coupled to the firing mechanism; and
a pinion disposed between and engaging the first and second racks.

30. The projectile weapon of claim 20 further comprising a breech block disposed within the receiver portion of the elongate tubular body adjacent the breech assembly, the firing mechanism extending through the breech block and the breech block including a spring-biased lever extending toward the barrel portion.

31. A projectile weapon comprising:

an elongate tubular body having a barrel portion and a receiver portion, the receiver portion including a breech assembly disposed adjacent the barrel portion, wherein the breech assembly is adapted to pivot outward from a first side of the elongate tubular body between at least a closed position and an open position;

a handle affixed to the receiver portion of the elongate tubular body, the handle extending outward from the elongate tubular body;

a breech block disposed within the receiver portion of the elongate tubular body adjacent the breech assembly, the breech block including a spring-biased lever extending toward the barrel portion;

a firing mechanism disposed within the receiver portion of the elongate tubular body and extending through the breech block to adjacent the breech assembly;

a trigger adapted to slide in a longitudinal direction along the elongate tubular body and extending outwardly from the elongate tubular body in a direction generally parallel to the handle, the trigger being slidable between at least a deployed position and a retracted position, wherein in the retracted position the trigger is recessed into the handle;

a first rack disposed within the receiver portion of the elongate tubular body and releasably coupled to the trigger, wherein in the deployed position the trigger is adapted to actuate the first rack;

a second rack disposed within the receiver portion of the elongate tubular body and coupled to the firing mechanism; and

a pinion disposed between and engaging the first and second racks.

32. The projectile weapon of claim 31, the breech assembly being securable in the closed position.

33. The projectile weapon of claim 31, wherein in the closed position the breech assembly is adapted to position ammunition adjacent the firing mechanism.

34. The projectile weapon of claim 31, wherein in the open position, the breech assembly is adapted to receive ammunition.

35. The projectile weapon of claim 31, wherein the handle and trigger extend outward from a second side of the elongate tubular body.

36. The projectile weapon of claim 36, wherein the second side of the elongate tubular body is opposite the first side.

37. The projectile weapon of claim 31, wherein the trigger is securable in the retracted position.